

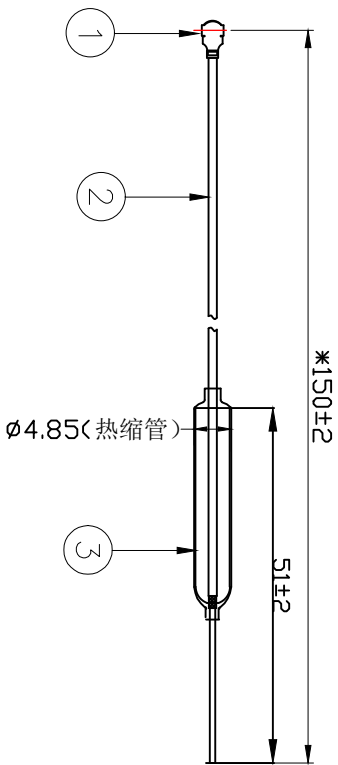
Antenna Specification

Electrical Properties	
Frequency	2.4 - 2.5 GHz
Impedance	50 Ohm Nominal
V.S.W.R	<= 2.0 Max
Return Loss	-10 dB Max
Radiation	Omni-directional
Gain (Peak)	3.0dBi
Cable Loss	3.2 dB / m Max @ 2450 MHz
Polarization	Linear, Vertical
Admitted Power	1 W
Connector	ipex
Physical Properties	
Antenna Material	CU
Cable Type	O.D. 1.13mm // 150 mm
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C
Cable Color	Black

Manufacturer:Shenzhen Yuxiang Zhixun Technology Co., Ltd

Address:No.501, no.27-3, Xintang Road, Xintian community, Fuhai street, Bao'an District, Shenzhen, China

SIGN	DATE	DESCRIPTION	APPROVER
△			
△			
△			



3	NB080	CU	φ 4.4*24.5mm	1
2	R-CB-113B	Coaxial Cable	SHOWA-O.D. 1.13mm Black	1
1	CI-113	Connector	Mini Connector	1
2	Part Number	Name	Material	Q'ty

东莞市创捷电子有限公司

Tel:86-0769-33891210
Fax:86-0769-82381572

TITLE: 2.4GHz Antenna

PART NO.: TG-2505-IPEx 1-15CM

DWG NAME: NB080-13B-IX150.DWG

APPROVED BY: jeff
2014-02-26

CHECKED BY: leon
2014-02-26

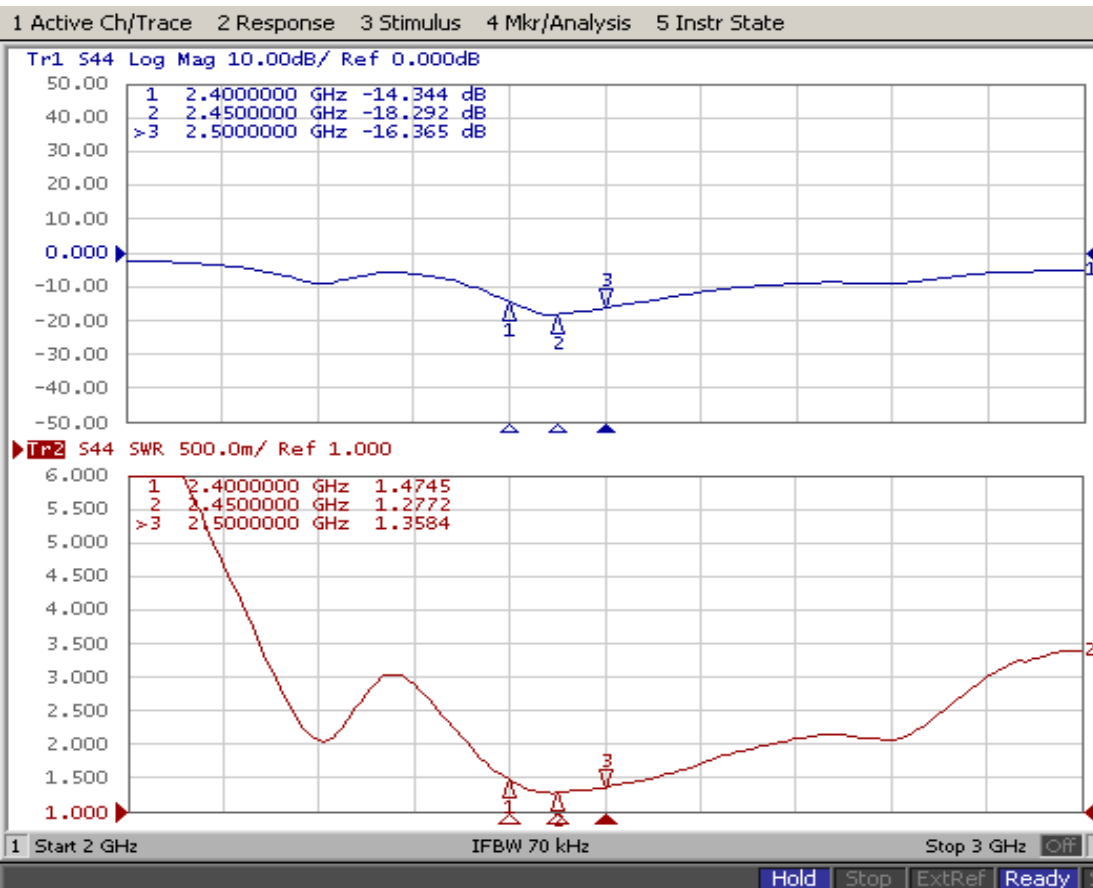
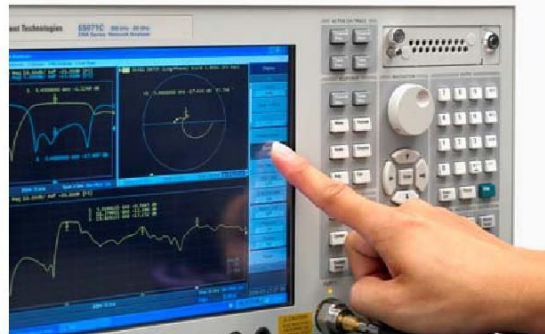
DESIGNED BY: YD
2014-02-26

UNITS: mm
SCALE: 1/1
REVISION: A

Tolerance
X.X 0.20
X.XX 0.10
XΔ 0.05A

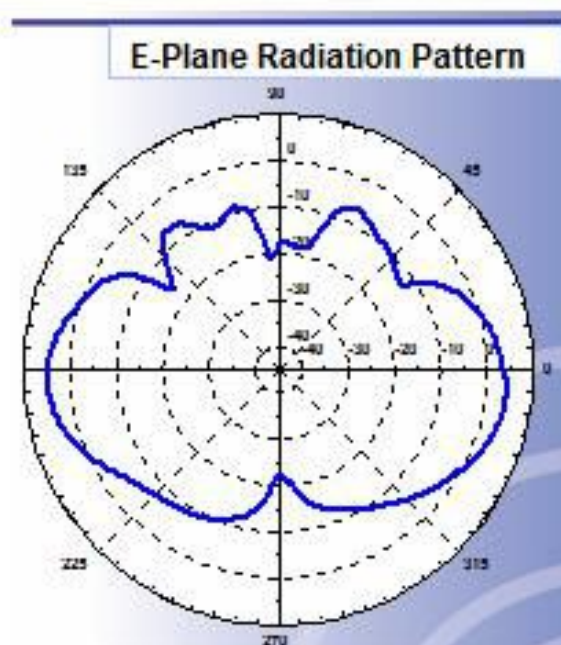
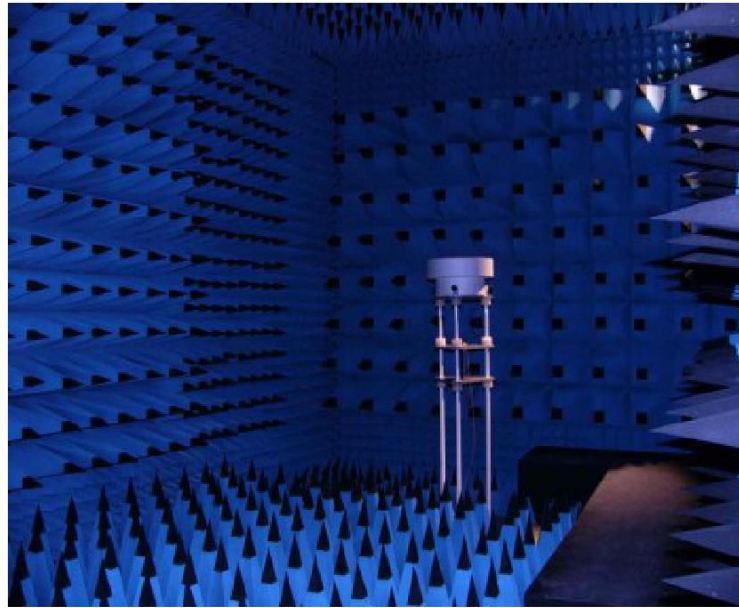
S Parameter Test

Agilent E5071C



Gain Test

*Antenna
Radiation
Pattern
VS
Gain*



Left ear antenna passive 3D direction diagram:

